

**DRINKING WATER BOARD  
PACKET**

**SEPTEMBER 8, 2006**

**BOOK ONE**

**MORNING WORKING AGENDA  
AND  
AFTERNOON BOARD MEETING AGENDA**

**THROUGH ITEM # 9**

DRINKING WATER BOARD  
PACKET

SEPTEMBER 8, 2006

SALT LAKE CITY, UTAH

WORK AGENDA  
FOR THE  
DRINKING WATER BOARD  
WORK MEETING  
OF  
SEPTEMBER 8, 2006



State of Utah

Department of  
Environmental Quality

Dianne R. Nielson, Ph.D.  
*Executive Director*

DIVISION OF DRINKING WATER  
Kevin W. Brown, P.E.  
*Director*

**Drinking Water Board**  
Anne Erickson, Ed.D., *Chair*  
Myron Bateman, *Vice-Chair*  
Ken Bassett  
Daniel Fleming  
Jay Franson, P.E.  
Helen Graber, Ph.D.  
Paul Hansen, P.E.  
Laurie McNeill, Ph.D.  
Dianne R. Nielson, Ph.D.  
Petra Rust  
Ron Thompson  
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*Executive Secretary*

JON M. HUNTSMAN, JR.  
*Governor*

GARY HERBERT  
*Lieutenant Governor*

**DRINKING WATER BOARD  
WORKING MEETING**

September 8, 2006

Place: Department of Environmental Quality  
168 North 1950 West, Room 101  
Salt Lake City, Utah 84116  
Phone: (801) 536-4200

8:30 a.m. 1. Welcome and Introductions – Chairman Erickson

8:40 a.m. 2. Vulnerability Assessments – Karin Tatum

Should applicants be required to complete them as a condition of the loan? Since EPA doesn't require them of small systems, should we?

8:55 a.m. 3. Board Member Responsibilities – Ken Wilde

9:15 a.m. 4. Rule Training – Karin Tatum, Rich Peterson and Ken Wilde

- a. (Review parts of Rules 700 and 705 as part of discussions about particular items listed below.)
  - Review of what Staff does when it receives an application.
  - What information does an application provide?  
How does staff use the information? How are the terms of the loan determined? Communication of staff with borrower prior to loan authorization. Staff recommendation.
- b. Capacity Development -  
Why does staff use the Capacity Development program?
- c. The ROLE of the SRF/Conservation Committee:
  - Decision Options the Drinking Water Board has.
  - When Board members have procedural or legal questions, who can they ask?

10:00 a.m. 5. Break

10:10 a.m. 6. Discussion about TERMS of Loans; e.g., Interest Rates, Grants, Principle Forgiveness: - Rich Peterson, Karin Tatum and Ken Wilde

- What interest rates do other states charge?
- Would “standard” or “set” rates be easier to manage?
- Should our method or rates be changed?
- Percentage of Grants and Principle Forgiveness.
- Introduction to grants and principle forgiveness.
- What criteria are being used to determine them?
- Should/could they be adjusted/changed?

10:40 a.m. 7. Financial Reports: Ken Wilde and Sandy Pett

- “Status Reports”.
- Discussion about their readability and usefulness.
- Sources and purposes of each fund.
- Fund Projections for the next 5 to 10 years.

10:50 a.m. 8. Planning Grants, Planning Loans and Planning Advances:

What’s the difference and why?

11:00 a.m. 9. Minimum Pressure Rule – Ken Wilde

11:30 a.m. 10. Lunch

11. Optional Items, if time permits:

Automatic Meter Reading Equipment and Meters (AMRE&M): Should AMRE&M be an eligible loan expense, perhaps even as a major or sole project cost.

In compliance with the American Disabilities Act, individuals with special needs (including auxiliary communicative aids and services) should contact Charlene Lamph, Office of Human Resources at (801) 536-4413, TDD (801) 536-4424, at least five working days prior to the scheduled meeting.

**DRINKING WATER BOARD**

**SEPTEMBER 8, 2006**

**MORNING WORKING MEETING**

**THERE WILL BE SOME HANDOUTS AT  
THE WORK MEETING  
TO GO ALONG WITH SOME OF THE ITEMS ON THE  
AGENDA**

AGENDA  
FOR THE  
DRINKING WATER BOARD  
MEETING  
OF  
SEPTEMBER 8, 2006



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**DRINKING WATER BOARD  
MEETING**

September 8, 2006

1:00 p.m.

Place: 168 North 1950 West, Room 101  
Salt Lake City, Utah 84116

Kevin's Cell Phone #: (801) 558-7803

1. Call to Order – Chairman Erickson
2. Roll Call – Ken Wilde
3. Introductions – Chairman Erickson
4. Approval of Minutes – July 14, 2006
  - a) Tour of Emigration Special Service District Minutes – for review
  - b) July 14, 2006 Minutes – for approval
5. SRF/Conservation Committee Report – Vice Chairman Myron Bateman
  - 1) Status Report – Ken Wilde
  - 2) Federal SRF Applications – Karin Tatum
    - a) Logan City – Ken Wilde
    - b) Greenwich Planning – Karin Tatum
    - c) CICWCD Planning – Karin Tatum
    - d) Erda Acres Planning – Karin Tatum
6. Cross Connection Commission Renewals – Ken Bousfield
7. Minimum Pressure Rule – Ken Wilde
8. Chairman's Report – Chairman Erickson

9. Directors Report
  - 1) Final 2007 Drinking Water Board Meeting Schedule
  - 2) Town of Alta's Report of Available Water
  - 3) Mountain View Hearing for the November 17, 2006 Drinking Water Board Meeting
10. News Articles
11. Letters
12. Next Board Meeting

Date: November 17, 2006

**Morning:**

Combined Drinking Water Board and the Water Quality Board Meeting:

Address: 168 North 1950 West, Room 101

Salt Lake City, Utah 84116

Time: 8:30 a.m. (Refreshment Break during the morning Work Meetings)

**Combined Lunch at 11:30 a.m. Catered By Famous Dave's Bar-B-Que**

**Afternoon:**

Drinking Water Board Meeting

Address: 168 North 1950 West, Room 201

Salt Lake City, Utah 84116

Time: 1:00 p.m.

13. Other
14. Adjourn

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AGENDA ITEM 4

1) REVIEW OF THE JULY 14, 2006  
EMIGRATION SPECIAL SERVICE DISTRICT  
TOUR MINUTES

AND

2) APPROVAL OF THE JULY 14, 2006  
MINUTES

a) REVIEW OF THE  
JULY 14, 2006

MINUTES OF THE  
EMIGRATION SPECIAL SERVICE DISTRICT  
TOUR



State of Utah

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MINUTES OF THE  
DRINKING WATER BOARD TOUR OF THE  
EMIGRATION SPECIAL SERVICE DISTRICT  
HELD ON JULY 14, 2006

Board Members Present

Anne Erickson, Ed.D., Chairman  
Kenneth Bassett  
Daniel Fleming  
Helen Graber, Ph.D.  
Paul Hansen, P.E.  
Laurie McNeill, Ph.D.  
Dianne Nielson, Ph.D.  
Petra Rust

Staff Present

Ken Wilde  
Rich Peterson  
Karin Tatum  
Heather Bobb

The tour began at 9:00 a.m. at Fred Smolka's house in Emigration Canyon. Mr. Smolka, Manager, provided a 30 minute overview of the project that was funded by the Drinking Water Board, including the plans for future projects. The proposed project would run from the East end (Burr Fork and Killyan Canyons) down Emigration Canyon Road to about the canyon's 3-mile marker.

The tour proceeded to Brigham Fork Well #2 (the pump house houses the computer and the SCADA system controls for the water system), Brigham Fork Well #1, a new 1 MGD water storage tank, and the Burr Fork and Killyan Canyons. The tour concluded at Fred Smolka's house at 11:30 a.m.

b) APPROVAL OF THE  
JULY 14, 2006

DRINKING WATER BOARD  
MEETING MINUTES



State of Utah

Department of  
Environmental Quality

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Petra Rust  
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MINUTES OF THE DRINKING WATER BOARD MEETING HELD ON JULY  
14, 2006 IN SALT LAKE CITY, UTAH

Board Members Present

Anne Erickson, Chairman  
Myron Bateman, Vice Chairman  
Ken Bassett  
Daniel Fleming  
Jay Franson, P.E.  
Helen Graber, Ph.D.  
Paul Hansen, P.E.  
Laurie McNeill, Ph.D.  
Dianne Nielson, Ph.D.  
Petra Rust  
Ron Thompson

Staff

Ken Wilde  
Rich Peterson  
Karin Tatum  
Bill Birkes  
Carolyn Esser  
Heather Bobb

Guests

Doug Nielsen, Sunrise Engineering  
Dale Pierson, Rural Water Association  
Donald Champenois, Black & Veatch  
Joe Phillips, Sunrise Engineering  
Jason Snedaker, J-U-B Engineering  
Michael Johnson, Mayor, Millville City  
Paul Taylor, J-U-B Engineering  
Howard Anderson, Mayor, Cedar Fort Town  
Dee Hansen, Cedar Fort Town  
Donna Spangler, DEQ Administration  
Bill Craig, Division of Radiation Control  
Patricia Adams, Division of Radiation Control

Staff Continued

Sandy Pett  
Julie Cobleigh  
Don Lore  
Elden Olsen  
Linda Matulich

ITEM 1 – CALL TO ORDER

The Drinking Water Board convened in Salt Lake City, Utah with Chairman Erickson presiding. The meeting was called to order at 1:05 p.m.

Chairman Erickson introduced Bill Craig, with the Division of Radiation Control.

Bill Craig briefed the Board on the new sound system. Bill passed out a contact name to the one's that were interested in it. Bill has been on a committee reviewing different systems for meetings that are held in Room 101.

## ITEM 2 – ROLL CALL

Chairman Erickson asked Ken Wilde to call roll of the Board members. The roll call showed there were 11 members present at the time.

## ITEM 3 – INTRODUCTIONS

Chairman Erickson welcomed everyone and asked the guests to introduce themselves.

## ITEM 4 – MINUTES OF MAY 11, 2006

Chairman Erickson stated a motion to approve the Dugway Proving Ground Tour minutes and the May 11, 2006 Drinking Water Board meeting minutes would be in order.

### 1. Tour of Dugway Proving Ground Minutes – For Review

**Daniel Fleming moved to approve the Dugway Proving Ground Minutes.  
Paul Hansen seconded.**

**CARRIED  
(Unanimous)**

### 2. May 11, 2006 Board Meeting Minutes – For Approval

**Paul Hansen moved to approve the May 11, 2006 minutes.  
Laurie McNeill seconded.**

**CARRIED  
(Unanimous)**

## ITEM 5 – SRF/CONSERVATION COMMITTEE REPORT

### 1) Status Report – Ken Wilde

Ken Wilde reported the Board has \$4,766,233 in Principal funds and \$801,425 in the Hardship Grant funds for a total of: \$5,567,658. The Board has: FY 2006 has sales tax of: \$3,587,000, project repayments from May 1, 2006 through April 30, 2007 in principal payments of: \$2,261,588, and interest of: \$539,206, investment earnings of: \$300,000, and FY 2007 sales tax of: \$3,587,500. This brings the State Loan Funds program to: \$12,255,952. The second page shows the status of the authorized projects that have not been funded yet. Garden City closed their Bond, anticipation note, (Design Advance of: \$254,000).

Ken Wilde reported the Board has an estimated amount of: \$8,531,541 in the Federal SRF Fund. This amount is available to use until May 31, 2007. The Board has a total of: \$20,931,781 in loans that have been closed on projects currently under construction.

Ken Wilde mentioned staff is hoping to close Garden City, the Town of Millville and the Town of Snowville's loans soon. Ken said Pine Meadow has closed their loan.

2) State SRF Applications – Rich Peterson

a) Gunlock Special Service District

Rich Peterson reported the Board gave some federal emergency money to Gunlock Special Service District last year for damages caused by flooding. Gunlock Special Service District has a project consisting of a 200,000 gallon storage tank and replacing some transmission and distribution lines. Gunlock Special Service District has some money remaining in their escrow emergency account to go to the project. Gunlock Special Service District has \$112,000 in their contribution fund account, and a CDBG grant of \$150,000 for the project. Gunlock Special Service District does qualify for some grant money. The SRF Conservation Committee is recommending a grant of \$86,000 which is equivalent of a 25% grant and a loan of \$263,000 at 3.33% for 20 years. Rich reviewed some of the issues that are still on their compliance report.

Ken Wilde mentioned he received a call from Gunlock Special Service District's Chairwoman and one from a Board member expressing a concern they weren't able to have any one from their Board at the Drinking Water Board meeting. Ken excused them.

Dan Nielsen and Joe Phillips, Sunrise Engineering, representing Gunlock Special Service District, addressed the Board.

Discussion followed.

**Ron Thompson moved the Board authorize a grant of \$86,000 and a loan of \$263,000 at 3.33% for 20 years with the conditions that they resolve the appropriate issues on their compliance report, and asked the engineers to go back and review the storage capacity.**

**Jay Franson seconded.**

**CARRIED  
(Unanimous)**

b) Millville City

Rich Peterson reported at the March 3, 2006 Board meeting, that the Board authorized a \$1,526,000 loan to Millville City for a new tank, transmission lines and a booster pump. Millville City's request came in over budget. Millville City is requesting an additional \$357,000 to complete the project. Millville City does qualify for a grant. The SRF Committee's recommendation is that the Board authorize a \$178,000 grant and an additional loan of \$179,000 with the same terms authorized at the March 3, 2006 Board meeting. This would bring the loan total to \$1,741,000. The interest rate would be for 2.23%. The term of the loan is for 25 years.

Michael Johnson, Mayor, and Jason Snedaker, J-U-B Engineering, representing Millville City, addressed the Board.

Discussion followed.

**Paul Hansen moved the Board authorize a grant of \$178,000 and a loan of \$179,000 for a total of \$1,741,000 on their loan, with the same terms for 25 years at 2.23% that was authorized at the March 3, 2006 Board meeting.**

**Daniel Fleming seconded.**

**CARRIED  
(Unanimous)**

**c) Cedar Fort (Staff Recommendation)**

Rich Peterson reported Cedar Fort has a new well. Cedar Fort needs to run a pipeline from the wellhead to the existing water tank. The cost of the project is \$567,000. Cedar Fort has \$10,000 of their own money to contribute and some money from CDBG to go toward the project. The District needs \$407,000 to complete the project. A supplemental page for Cedar Fort is in the handouts for the Board members. Cedar Fort received a 1992 Bond, at 0% from the Board.

Cedar Fort would like to refinance the Bond and roll the loan into a direct funding package. By refinancing and consolidating the loan in the current funding package, the interest rate would be at 2.38% for over 20 years. The SRF Conservation Committee is recommending a loan of \$506,000 at 2.38% for 20 years. Approximately \$99,000 of the loan, would go toward retiring the existing 1992 Bond. Also included in the motion, is a request for the Board to allow a modified repayment schedule, which may be accepted, and for staff to finalize the schedule prior to loan closing. Also include in the funding package, is that the town resolve the appropriate issues in their compliance report.

Mayor Howard Anderson and Dee Hansen, engineer, representing Cedar Fort Town, addressed the Board.

Discussion followed.

**Jay Thompson moved the Board authorize a loan of \$506,000, of which approximately \$99,000 will go toward retirement of the existing 12992 Bond, at 2.38% for 20 years, allow a modified repayment schedule to be determined later and approved by staff, and that Cedar Fort Town resolve the appropriate issues in their compliance report.**

**Petra Rust seconded.**

**CARRIED  
(Unanimous)**

**3) Federal SRF Applications – Karin Tatum**

**a) Loan Authorization Extensions**

Karin Tatum gave an update on some of the extension requests on the authorized federal projects. The information is on the first page of material listed in the Board packet. Staff will be able to close the Town of Snowville next week. Staff has completed the EA on Woodland/Kolob, and plans on closing their project in the next 6 months. Staff met with Logan City last week and has temporarily set their loan closing for February/March 2007. Portage is scheduled to close their loan in September.

Enterprise has an emergency funding request for approximately \$15,000. Enterprise has gone through some staff changes recently, and the new person was not aware of this. The new person will get back with staff after reviewing the information on this request.

Karin said staff is requesting the Board authorize an extension of the authorized projects.

**Ron Thompson moved the Board authorize staff to proceed with the extensions on the FSRF projects.**

**Ken Bassett seconded.**

**CARRIED**

**Dianne Nielson supports the motion, but abstained from voting.**

**Discussion followed.**

**Ten voted yes.**

b) Snowville Town

Ken Wilde mentioned staff is requesting the Board table the Town of Snowville's request. The Town of Snowville has a loan with the Drinking Water Board and one with Rural Development. Staff talked to Bill Prater, attorney, and Rural Development's attorney on using a "parity position" for the Town of Snowville. Staff is requesting a "parity position" for the Town of Snowville. The attorneys will complete the paperwork and submit it for approval. Staff will close the Town of Snowville's loan when the paperwork has been approved.

Ken mentioned staff has the authority to act on this request now, which staff wouldn't have if these issues were present. Ken mentioned the Board doesn't need to take any action on the Town of Snowville today. Ken presented the Town of Snowville's update for informational purposes only.

#### **ITEM 6 – OPERATOR CERTIFICATION COMMISSION RENEWALS**

Ken Wilde mentioned there are two members on the Operator Certification Commission whose terms are up for renewal. Staff is requesting the Board authorize approval for Bart Simons and Dr. David Stevens to serve another term on the Operator Certification Commission. Each term is for 3 years.

Discussion followed.

**Jay Franson moved the Board authorize approval for Bart Simons and Dr. David Stevens to serve another term on the Operator Certification Commission.**

**Myron Bateman seconded.**

**CARRIED  
(Unanimous)**

## ITEM 7 – CROSS CONNECTION CONTROL COMMISSION RENEWALS

Ken Wilde mentioned the Cross Connection Control Commission is replacing Ken Orton with Charles Jeffs on the Commission. Ken Orton is no longer with the Rural Water Association of Utah. Staff is requesting the Board authorize approval for Charles Jeffs to replace Ken Orton, and authorize approval for Dan Smith, Gary Jenkins, Tim Collings, and Jeff Tingey to serve another term on the Cross Connection Control Commission. Each term is for 2 years.

Discussion followed on term limits for each Commission member on having a complete date of when they start and when they finish their terms on the Commission.

The Board asked staff to add another column on both rosters to include the date of when each member started.

The Board asked staff to add the 4 Commission members whose terms expire this year of: Dan Smith, Gary Jenkins, Tim Collings, and Boyd Reschke's, or their replacement, to be heard and approved at the next Board meeting.

**Jay Franson moved the Board authorize approval for Charles Jeffs to replace Ken Orton on the Cross Connection Control Commission.**

**Myron Bateman seconded.**

**CARRIED  
(Unanimous)**

## ITEM 8 – CHAIRMAN'S REPORT

Chairman Erickson mentioned there are a couple of articles in the packet on: "Utah Rates High in Plans for Handling an Emergency" and "Being in the Wake of Our Own Disaster". Chairman Erickson briefly went over each article.

## ITEM 9 – DIRECTORS REPORT

a) Introduce New Staff: Heather Bobb, Carolyn Esser, Elden Olsen, and Julie Cobleigh

Ken Wilde introduced new division staff members to the Board: Heather Bobb, Carolyn Esser, Elden Olsen, and Julie Cobleigh. Ken gave some information on each new staff member.

Chairman Erickson welcomed the new staff members to the Division.

b) Staff Update

Ken Wilde mentioned that Merritt Fisher and Nathan Lunstad, engineers for the Division, have left the state employment. Merritt Fisher had a little girl and decided to stay home. Nathan Lunstad is working as an engineer for Highland City.

Ken said he is in the process of recruiting for two new engineers.

Ken mentioned staff has provided some handouts to the Board members. There is some information on arsenic. Staff has received reports from all but 4 of the water systems on their arsenic updates.

Chairman Erickson mentioned how nice it is to be furnished with periodic news articles, updates and letters in the packet.

#### ITEM 10 – NEWS ARTICLES

The new articles are in the packet.

#### ITEM 11 – LETTERS

The letters are in the packet.

#### ITEM 12 – UPDATE

The update is in the packet.

#### ITEM 13 – NEXT BOARD MEETING: September 8, 2006

The next Board meeting is scheduled for September 8, 2006 at the DEQ offices at 168 North 1950 West, Room 101, Salt Lake City, Utah. There will be a work meeting in the morning, lunch and the Board meeting will start at 1:00 p.m.

#### ITEM 14 – OTHER

Myron Bateman may not be able to attend the next Board meeting on September 8, 2006. Myron may need to have another SRF Conservation Committee member fill in for him if he is unable to attend.

Dale Pierson mentioned the Rural Water Association of Utah is putting together a program to provide a peer review process to water systems in the state for their security efforts on emergency preparedness. The Division is involved in this program with Rural Water. Dale updated the Board on the program. The Rural Water Association has also been working with the of Drinking Water and the Division of Water Quality, the Homeland Association, and some of the other water systems in the state are represented in a group that is looking at mutual aid agreements between the systems. Dale briefed the Board on this program.

#### ITEM 15 – ADJOURN

**Ron Thompson moved to adjourn the Board meeting at 2:05 p.m.  
Myron Bateman seconded.**

**CARRIED  
(Unanimous)**

Linda Matulich  
Recording Secretary

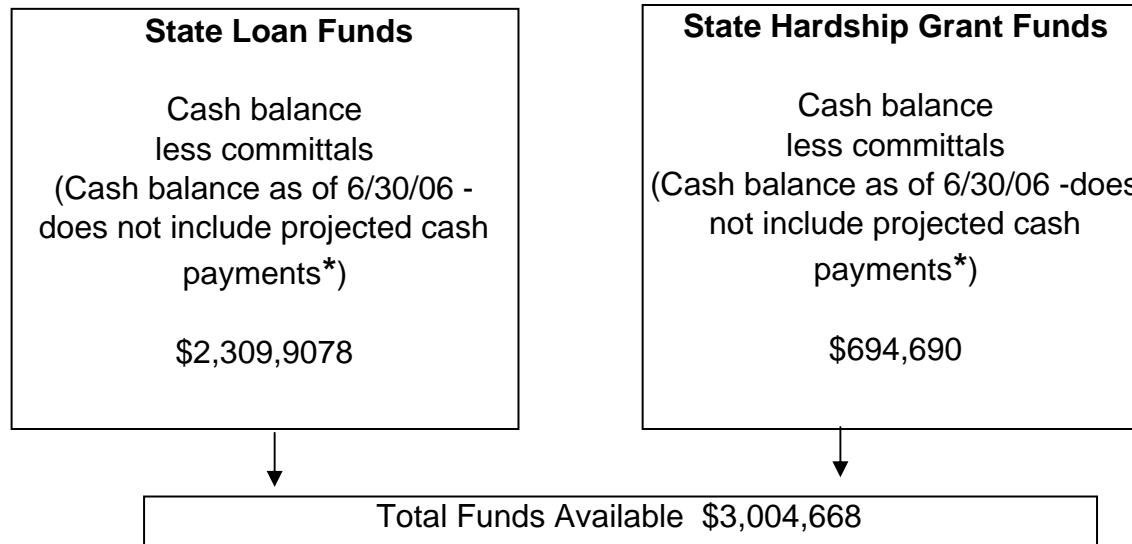
## AGENDA ITEM 5

### SRF/CONSERVATION COMMITTEE REPORT

## 5. 1) STATUS REPORT – Ken Wilde

**DIVISION OF DRINKING WATER**  
**STATE LOAN FUNDS**  
**CASH BALANCE AS OF JUNE 30, 2006**

All interest payment and investment earning are deposited to the Hardship Grant Fund



The FY 2006 sales tax maximum of \$3,587,500.

\*Projected repayments July 1, 2006 to June 30, 2007

- 1- principal payments \$2,261,588 plus interest \$539,206.
- 2- investment earnings \$480,000.
- 3- FY2007 sales tax \$3,587,500.

Total Funds Available Including Projected \$9,872,962

**DIVISION OF DRINKING WATER**  
**STATE LOAN FUNDS**  
**PROJECTS AUTHORIZED BUT NOT YET FUNDED**  
**AS OF JULY 14, 2006**

		Cost	Date	Date	Authorized Funding		
Community	Loan #	Estimate	Authorized	Closed/Anticipated	Loan	Grant	Total
Garden City	3S048	2,700,000	September-02	Spring 06/Fall 07	\$1,746,000		\$1,746,000
West Erda	3S074	760,000	June-04	?	380,000	380,000	760,000
Vernon (org auth 1/2005?)	3S090		March-06	Oct/Nov 2006	686,000	391,000	1,077,000
Escalante planning grant	3S081	10,000	March-05	September-06		10,000	10,000
Millville	3S091		March-06	August 3, 2006	1,741,000	178,000	1,919,000
Enterprise	3S092	7,000	May-06		7,000		7,000
Panguitch	3S093		May-06	October-06	138,000	35,000	173,000
Cedar Fort 2.38% @ 20 yr	3S095		July-06	September-06	506,000		506,000
Gunlock 3.33% @ 20 yr	3S094		July-06	October-06	263,000	86,000	349,000
							0
Total authorized but not yet funded					\$5,467,000	\$1,080,000	\$6,547,000
FY 2006 Federal SRF 20% match					\$1,645,780		\$1,645,780
FY 2007 Federal SRF 20% match					\$1,645,780		\$1,645,780
DDW Administrative charge					81,900		81,900
DDW Board Admin Fee					73,000		73,000
Grand Total					\$8,913,460	\$1,080,000	\$9,993,460
*Garden City closed BAN for \$254,000 6/19/06, 33,000 planning advance also paid.							

**DIVISION OF DRINKING WATER**  
**FEDERAL SRF**  
AS OF June 30, 2006

1997 thru 2006 SRF Grants	
NET FED SRF GRANTS	\$67,342,670
TOTAL STATE MATCHES	15,067,040

Principal Repayments	
Principal	\$6,952,472
Interest	504,389

SUMMARY (HOW THE FUNDS HAVE BEEN USED)	
TOTAL LOAN FUND ADDITIONS	\$92,053,536
LESS:	
CLOSED LOANS	(77,337,246)
COMMITTALS (schedule attached)	(11,443,000)
AVAILABLE CASH 6/30/2006 *	3,273,290

<b>Earnings On Invested Cash Balance</b>
\$811,752

Hardship Fees	
Earned	\$1,934,713
Committals	(559,500)
Available	\$1,375,213

**Projected receipts next twelve months:**

Payment:

2007 Fed SRF Grant	\$6,583,120
State 20% Match	\$1,645,780
State 20% Match for FY 2006	\$1,645,780
Interest on Investments	\$210,000
Principal payments	\$2,425,000
Interest	\$609,671
Hardship fees	\$585,026
Total	\$13,704,377

<b>Total Estimated Federal SRF Funds Available through 6/30/2007</b>	<b>\$16,977,666</b>
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\*Balance includes projects currently under construction that have not been disbursed.  
Amount of funds available for closed loans currently under construction equals \$24,369,901

# DIVISION OF DRINKING WATER

## Federal SRF LOAN FUNDS

AS OF JUNE 30, 2006

		Loan Payments			
	Loan Funds	Principal (2nd Round)	Interest	Hardship Fees	Total
Federal Capitalization Grants and State 20% match thru 2006	\$82,409,710				
Investment earnings	811,752				
Repayments (includes investment earnings)		6,952,472	504,389	1,934,713	
2007 Capitalization Grant (award expected within the next 180 days (Grant \$8,229,300 less set-asides \$1,645,860)	6,583,120				
plus the state 20% match (\$8,228,900 X 20%)	1,645,780				
plus the state 20% match (\$8,228,900 X 20%) for FY2006	1,645,780				
Less:					
Closed loans and grants	(77,337,246)				
Loans & Grants authorized but not yet closed	(11,443,000)			(559,500)	
Projected repayments during the next twelve months (July 2006 through June 2007)		2,425,000	609,671	585,026	
Projected annual investment earnings on invested cash balance		150,000	30,000	30,000	
Total	\$4,315,896	\$9,527,472	\$1,144,060	\$1,990,239	\$16,977,667

**DIVISION OF DRINKING WATER**  
**FEDERAL SRF**  
**PROJECTS AUTHORIZED BUT NOT YET CLOSED**  
**AS OF JUNE 30, 2006**

Community	Project			Authorized	Closing Date	Authorized From Loan Funds			Hardship
	Total	Terms	Loan #	Date	Scheduled	Loan	Forgiveness	Total	Fees
Twin Creeks #2	1,200,000	0% int 30 yrs	3F028	Apr-03	Sep-06	360,000	90,000	450,000	
Croydon 20 yrs	334,000	0% int 20 yrs	3F037	Aug-04	?	327,000		327,000	
Snowville	1,173,000	0% int 30 yrs	3F046	Mar-05	Jul-06	650,000		650,000	
St George	15,000,000	1.77% int 20 yrs	3F047	Mar-05	Oct-06	6,000,000		6,000,000	
Woodland Kolob Acres	450,000	3.63% int 15 yrs	3F048	Mar-05	Aug-06	450,000		450,000	
Logan #3	9,545,000	0.8% int 20 yrs	3F052	May-05	Feb-07	3,000,000		3,000,000	
Portage	1,090,500	2.57% int 20 yrs	3F054	Sep-05	Sep-06	546,000		546,000	544,500
Enterprise	184,000	n/a	3F049	Mar-05	Sep-06			0	15,000
Beaver Dam Water	20,000	planning loan	3F062	May-06	Sep-06	20,000		20,000	
Total						\$ 11,353,000	\$ 90,000	\$ 11,443,000	\$ 559,500
<b>Recent loan closings:</b>									
Saratoga Springs	3,997,087	3.2% int 20 yrs	3F059	March-06	May-06	3,500,000		3,500,000	
Kane County	14,092,140	1% hs 30 yrs	3F061	March-06	May-06	3,990,000	2,250,000	6,240,000	
Pine Meadow MWC	4,015,000	3% int 20 yrs	3F058	May-06	Jun-06	3,695,000		3,695,000	
Snowville*	1,173,000	0% int 30 yrs	3F046	Mar-05	Jul-06	650,000		650,000	
Snowville was recently closed, but is still listed above because the report only shows finances through 6/30/06									

5. 2) FEDERAL SRF APPLICATIONS –

a) LOGAN CITY – Ken Wilde

## **LOGAN CITY**

On August 8, 2003 the Drinking Water Board (Board) authorized a \$5,000,000 loan at 2.57% for 20 years with \$400,000 principle forgiveness to the city of Logan (City) for construction of a 6 MG water storage tank and about 2 miles of large diameter water line. Normally, the borrower is required to issue **“Tax-Exempt”** bonds. However, prior to loan closing the City requested that they be allowed to sell the Board bonds that were **not Tax-Exempt**. The City had approximately \$10M of bonds for other utilities/infrastructure that they wanted to issue as “tax-exempt” during the same year. The City representatives stated that the City could keep its “tax-exempt” status if it sold \$10M or less in tax-exempt bonds in a given year, but if it were to exceed that amount, it would lose said tax-exempt status. **The City was allowed to sell the Board “Taxable” bonds.**

**On May 13, 2005 the Board authorized a second loan of \$3,345,000 to the City at 0.80% interest for 20 years.** Last month the City requested that they be allowed to issue **“Taxable”** bonds, rather than **“Tax-Exempt”** for the same reason as stated above. A potential impact of allowing them to sell the Board additional taxable bonds is that other borrowers may feel that Logan City has been given preferential treatment that the Board would not give to other borrowers.

Tax-exempt bonds are more valuable than taxable bonds with the same interest rate, because the bond holder does not have to pay income taxes on the proceeds of tax-exempt bonds. The approximate difference in value is about 30% for the average investor. Based on this generalization, the SRF Conservation Committee recommends the following:

### **SRF Conservation Committee Recommendation:**

The SRF Conservation Committee recommends to the Board that in consideration for allowing Logan City to sell “Taxable” bonds to the Board, rather than “Tax-exempt” bonds, that they increase the interest rate 0.34% from 0.80% to 1.14%.

5. 2) FEDERAL SRF APPLICATIONS –  
Karin Tatum

b) GREENWICH PLANNING

**DRINKING WATER BOARD  
BOARD PACKET FOR PLANNING ADVANCE  
AUTHORIZATION**

**APPLICANT'S REQUEST:**

Greenwich Water Association is requesting a Planning Advance for the amount of \$20,000 to evaluate deficiencies with their source, storage and distribution lines and determine the most appropriate actions to correct those deficiencies for the current and future residents.

The planning advance will allow Greenwich Water Association to address the deficiencies of the system in a methodical and economical manner after which they can then address the issues and proceed forward appropriately.

**SRF CONSERVATION COMMITTEE RECOMMENDATIONS:**

**The SRF Committee recommends that the Board authorize a \$20,000 planning advance to Greenwich Culinary Water System at 0% interest for 5 years**, repaying \$4,000 annually beginning one (1) year from the date the loan agreement is signed, with the intent that the planning advance address any issues within the compliance report. The applicant may elect to roll the balance of any loan principle into a future construction loan.

**APPLICANT'S LOCATION:**

Greenwich Water Association is located in Piute County.

**MAP OF APPLICANT'S LOCATION:**



**PLANNING DESCRIPTION/SCOPE OF WORK:**

Feasibility Report

- Analysis of Alternatives.
- Drafting of the report as outlined.
- Determine the appropriate alternative.
- Construction Cost Estimate of project that will resolve compliance issues.

**POPULATION GROWTH:**

The area supporting Greenwich Water Association is difficult to estimate based on the size of the town. In the last 15 years, the area has seen both positive and negative growth over the years.

	<u>Year</u>	<u>Population</u>	<u>ERC's</u>
Current:	2006	49	29
Projected:	2010	53	35

**IMPLEMENTATION SCHEDULE:**

Apply to DWB for Planning Funds:	July 2006
SRF Committee Conference Call:	August 2006
DWB Funding Authorization:	September 2006
Completion of Feasibility Report:	May 2007
Commence Design:	June 2007
Begin Construction:	Fall 2007
Complete Construction:	Fall 2008

**COST ESTIMATE:**

Feasibility Report:	<u>\$20,000.00</u>
Total Planning Cost:	\$20,000.00

**COST ALLOCATION:**

The cost allocation proposed for the project is shown below.

<u>Funding Source</u>	<u>Cost Sharing</u>	<u>Percent of Project</u>
DWB Loan ( 0.0%, 5-yr)	<u>\$20,000.00</u>	<u>100%</u>
Total Amount:	\$20,000.00	100%

**SPECIAL CONDITIONS:**

1. Complete all items as stated in the Engineering Agreement between Greenwich Water Association and Franson Noble Engineering.
2. The Planning Process should address any issues raised in their Compliance Report.

APPLICANT:	Greenwich Culinary Water System HC 80, Box 525 Greenwich, Utah 84732 (435)638-7327
PRESIDING OFFICIAL & CONTACT PERSON:	Gary DeLeeuw, President HC 80, Box 525 Greenwich, Utah 84732 Telephone: (435) 638-7327
CONSULTING ENGINEER:	Eric Franson, P.E. Franson Noble Engineering 1276 South 820 East, Suite 100 American Fork, Utah 84003 Telephone: (801) 756-0309 Cell: (801) 592-3224 Email: efranson@franson-noble.com
FINANCIAL CONSULTANT:	None Appointed
ATTORNEY:	None Appointed

**16009 Greenwich  
Compliance Report  
August 8, 2006**

**Administration:**

The Greenwich Water Association lacks the following elements of a Cross Connection Control Program: a) legal authority, b) public education, c) trained staff, d) written records and e) on-going enforcement.

**Operator Certification:**

No issues

**Bacteriological Information:**

No issues.

**Chemical Monitoring:**

A nitrate sample is due this year.

**Lead/Copper:**

No issues.

**Consumer Confidence Report:**

No issues.

**Physical Facilities:**

For both the Parker North and Parker South Springs the following is needed: a) a flow measuring device, and b) removal of deep rooted vegetation.

Parker South Spring collection box needs a shoe-box type lid.

The 50, 000 gallon tank access lid needs a gasket

**Drinking Water Source Protection:**

Updated Drinking Water Source Protection Plans for Parker North and Parker South Springs were due December 31, 2005.

**Plan Review:**

No issues.

5. 2) FEDERAL SRF APPLICATIONS –  
Karin Tatum

c) CICWCD PLANNING

**DRINKING WATER BOARD  
BOARD PACKET FOR PLANNING ADVANCE  
AUTHORIZATION**

**APPLICANT'S REQUEST:**

Central Iron County Water Conservancy District is requesting a Planning Advance for the amount of \$75,000 to evaluate the source/storage/distribution of the expansion project and development of the Preliminary Engineering Report (PER) for Phase II of their project.

**STAFF COMMENTS:**

The purpose of offering the Planning Advance with interest for this planning advance is simply to maintain the existing interest rate that they currently have for Phase I of this project and to simplify the accounting when we get to a project and a loan closing. However, the interest rate may change when a full construction project for Phase II is determined, but if not, then we have maintained consistency and simplicity. The planning advance would allow CICWCD to properly address the growing needs of the area, future growth of their system, and to determine what facilities will allow the District to meet the needs of the community.

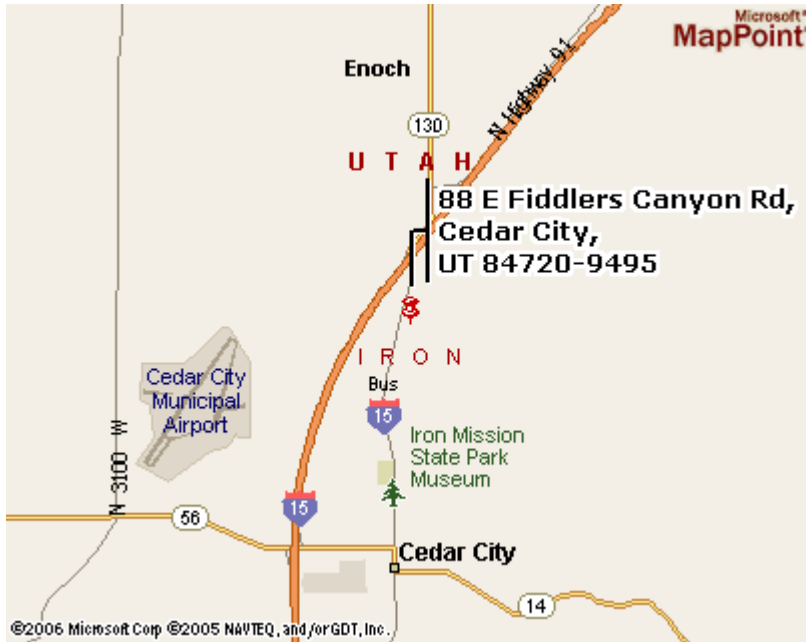
**SRF CONSERVATION COMMITTEE RECOMMENDATIONS:**

**SRF/Conservation Committee recommends that the Board authorize a \$75,000 planning advance to Central Iron County Water Conservancy District at 2.46% interest for 5 years**, repaying \$15,000 plus interest annually beginning one (1) year from the date the loan agreement is signed, with the intent that the planning advance address any issues within the compliance report. The applicant may elect to roll the balance of any loan principle into a future construction loan at the interest rate calculated for said construction loan.

**APPLICANT'S LOCATION:**

Central Iron County Water Conservancy District (CICWCD) is located in Iron County.

**MAP OF APPLICANT'S LOCATION:**



**PLANNING DESCRIPTION/SCOPE OF WORK:**

Phase II System Analysis

- Conceptualization of the Phase II Regional water System including Source, Storage, and Distribution.
- Preliminary Agency Coordination.
- Mapping.
- Construction Cost Estimate.
- System Modeling.
- Evaluation of Costs versus projected revenue from the existing connection data.

Preliminary Engineering Report

- Analysis of Alternatives.
- Drafting of the report as outlined.
- The report will meet the requirements of the Division of Drinking Water and the USDA – Rural Development.

Funding Acquisition

- Completing applications for two (2) funding agencies.
- Meetings/Conference Calls with Agencies involved.

Consulting Service and Phase II Facilitation

- As Phase II progresses there will be numerous questions raised from within the District, funding and regulatory agencies, community ranging from additional calculations, opinions, and engineering assessments and will need to be addressed at public meetings, phone calls, and/or by written correspondence.

**POPULATION GROWTH:**

The area supporting CICWCD is estimated to grow at an approximate rate of 2.0% on average over the next 0 years (according to the Governor's Office of Planning and Budget).

	<u>Year</u>	<u>Population</u>	<u>ERC's</u>
Current:	2006	38311	250
Projected:	2030	164426	5224

**IMPLEMENTATION SCHEDULE:**

Apply to DWB for Planning Funds:	July 2006
SRF Committee Conference Call:	August 2006
DWB Funding Authorization:	September 2006
Completion of PER:	September 2006
Commence Design:	December 2006
SRF Committee Conf. Call Construction Project:	December 2006
DWB Funding Authorization Construction Project:	January 2006
Begin Construction:	Spring 2007
Complete Construction:	Spring 2008

**COST ESTIMATE:**

Phase II System Analysis:	\$31,398.00
Preliminary Engineering Report:	\$18,500.00
Funding Acquisition:	\$8,000.00
Consulting Service & Phase II Facilitation:	\$26,750.00
Total Planning Cost:	<u>\$74,648.00</u>

**COST ALLOCATION:**

The cost allocation proposed for the project is shown below.

<u>Funding Source</u>	<u>Cost Sharing</u>	<u>Percent of Project</u>
DWB Loan ( 2.46%, 5-yr)	<u>\$75,000.00</u>	<u>100%</u>
Total Amount:	\$75,000.00	100%

**SPECIAL CONDITIONS:**

1. Complete all items as stated in the Engineering Agreement between CICWCD and Nolte Associates, Inc.
2. The Planning Process should address any issues raised in their Compliance Report.

APPLICANT: Central Iron County Water Conservancy District  
88 East Fiddlers Canyons Road, Suite A  
Cedar City, Utah 84720  
Telephone: (435) 865-9901  
Fax: (435) 865-9902

PRESIDING OFFICIAL &  
CONTACT PERSON: Scott Wilson, Executive Director  
88 East Fiddlers Canyons Road, Suite A  
Cedar City, Utah 84720  
Telephone: (435) 865-9901  
Fax: (435) 865-9902  
Email: [rwilson@infowest.com](mailto:rwilson@infowest.com)

CONSULTING ENGINEER: Rod Mills, P.E.  
Nolte  
5217 South State Street, Suite 300  
Murray, Utah 84107  
Telephone: (801) 743-1300  
Fax: (801) 743-0300  
Email: [rod.mills@nolte.com](mailto:rod.mills@nolte.com)

FINANCIAL CONSULTANT: None Appointed

ATTORNEY: Richard Chamberlain  
Chamberlain & Associates  
225 North 100 East  
Richfield, Utah 84720  
Telephone: (435) 896-4461  
Fax: (435) 896-5441  
Email: [rchmbrln@xmission.com](mailto:rchmbrln@xmission.com)

**11085 Central Iron County WCD**  
**Compliance Report**  
**August 14, 2006**

**Administration:**

No issues.

**Operator Certification:**

The system needs a Small System Certified Operator.

**Bacteriological Information:**

The system sampled for total coliforms in July. This sampling needs to continue every month of operation.

**Chemical Monitoring:**

The system needs to monitor the Fielding/Derby well for nitrates and VOC's in 2006.

**Lead/Copper:**

The system needs to complete its initial lead/copper monitoring requirements including five samples during the second half of 2006 and during the first half of 2007.

**Consumer Confidence Report**

The first Consumer Confidence Report is due July 1, 2007 covering calendar year 2006.

**Physical Facilities:**

No issues.

**Drinking Water Source Protection:**

Fielding/Derby Well (WS001): The DWSP Plan has been submitted for this well, and is awaiting review. No other issues for the Fielding Well.

Derby Well #2 (WS002): A PER must be submitted for this well. Original location was changed, so a new PER must be developed for this well.

**Engineering Plan Review:**

Several Plans and Specs for various projects have been received and are at various stages of review. None have received Operating Permits as of yet.

5. 2) FEDERAL SRF APPLICATIONS -  
Karin Tatum

d) ERDA ACRES PLANNING

**DRINKING WATER BOARD  
BOARD PACKET FOR PLANNING GRANT  
AUTHORIZATION**

**APPLICANT'S REQUEST:**

Erda Acres Water Company (Erda Acres) is requesting a Planning Grant for the amount of \$20,000 to evaluate inevitable growth occurring in their area as well as potential deficiencies with their source, storage and distribution lines associated with that growth as well as determine the most appropriate actions to correct those deficiencies for future residents.

**STAFF COMMENTS:**

Erda Acres has been a well performing system and has no issues other than growth in their surrounding area. Currently a developer is developing the area adjacent to their neighborhood. The developer has approached Erda Acres to determine the feasibility of hooking onto their system. Erda Acres is interested in doing what they can to support regionalization but they do not want to go into debt to determine the best option for their system and the inevitable growth that is occurring in Tooele County. Erda Acres has two options, 1) walk away from the developer's proposal and the developer will then develop its own system and the DDW will have yet another very small system to oversee or 2) consider expanding their system to include the growth the developer will bring to their neighborhood. The planning grant will allow Erda Acres to address this growth and the potential deficiencies of their system and address those deficiencies in an economical manner and proceed forward appropriately.

**SRF CONSERVATION COMMITTEE RECOMMENDATIONS:**

**The SRF Committee recommends that the Board authorize a \$20,000 Planning Grant to the Erda Acres Water Company, with the intent that the planning advance address any issues within the compliance report.**

**APPLICANT'S LOCATION:**

Erda Acres Water Company (Erda Acres) is located in Tooele County.

**MAP OF APPLICANT'S LOCATION:**



**PLANNING DESCRIPTION/SCOPE OF WORK:**

## Preliminary Engineering Analysis

- Review historical water use data and determine the amount of water usage over a projected 20-year period.
- Assess the water right capacity and determine if it is adequate for the next 20 years.
- Assess the water source capacity and determine if it is adequate for the next 20 years.
- Assess the storage capacity and determine if it is adequate for the next 20 years.
- Assess the culinary water treatment and determine its capacity.
- Evaluate the distribution system using a computer generated hydraulic model to determine if adequate pressures can be maintained in the system during peak demand periods. Fire flow will also be evaluated.
- Alternatives will be evaluated.
- An engineer's opinion of probable cost for any recommended improvements will be provided.
- A proposed financing plan for funding shall be prepared in accordance with the funding agency's guidelines.
- A recommended water rate structure will be submitted that will comply with the proposed financing plan.
- Preliminary Engineering Report (PER) will be completed.

**POPULATION GROWTH:**

The Tooele County area is estimated to grow at an approximate rate of 3.87% projected over the next 30 years (according to the Governor's Office of Planning and Budget).

**IMPLEMENTATION SCHEDULE:**

Apply to DWB for Planning Funds:	July 2006
SRF Committee Conference Call:	August 2006
DWB Funding Authorization:	September 2006
Completion of Engineering Analysis:	December 2006
Commence Design:	January 2007
Begin Construction:	Spring 2007
Complete Construction:	Spring 2008

**COST ESTIMATE:**

Preliminary Engineering Analysis:	<u>\$20,000.00</u>
Total Planning Cost:	\$20,000.00

**COST ALLOCATION:**

The cost allocation proposed for the project is shown below.

<u>Funding Source</u>	<u>Cost Sharing</u>	<u>Percent of Project</u>
DWB Grant	<u>\$20,000.00</u>	<u>100%</u>
Total Amount:	\$20,000.00	100%

**SPECIAL CONDITIONS:**

1. Complete all items as stated in the Engineering Agreement between Erda Acres Water Company and Sunrise Engineering.
2. The Planning Process should address any issues raised in their Compliance Report.

APPLICANT:	Erda Acres Water Company P.O. Box 11 Tooele, Utah 84074-0011
PRESIDING OFFICIAL & CONTACT PERSON:	Allen Deware, President 3822 North 570 West Erda, Utah 84074 Telephone: Cell: Email:
CONSULTING ENGINEER:	John Chartier, P.E. Sunrise Engineering 25 East 500 North Fillmore, Utah 84631 Telephone: (435) 743-6151 Fax: (435) 743-7900 Email: jchartier@sunrise-eng.com
FINANCIAL CONSULTANT:	None Appointed
ATTORNEY:	None Appointed

**23053 Erda Acres Water Co.**  
**Compliance Report**  
**August 14, 2006**

**Administration:**

No issues.

**Operator Certification:**

No issues.

**Bacteriological Information:**

No issues.

**Chemical Monitoring:**

The system needs to monitor for nitrate at their Nelson and Campbell wells in 2006.

**Lead/Copper:**

The system needs to sample for lead/copper at five sites in 2006.

**Consumer Confidence Report**

No issues.

**Physical Facilities:**

The system needs additional storage before they can grant additional connections.

**Drinking Water Source Protection:**

Updated DWSP Plans were due December 31, 2004 for WELL #2 NELSON (WS002) and #3 CAMPBELL (WS003).

**Engineering Plan Review:**

No issues.

## AGENDA ITEM 6

CROSS CONNECTION COMMISSION  
RENEWALS – Ken Bousfield

**CROSS CONNECTION CONTROL COMMISSION  
RENEWALS and REPLACEMENT**

The Cross Connection Control Commission currently has 7 members. Four of the members are up for renewal this year: Dan Smith (Utah Pipe Trades Educational Program), Gary Jenkins (Backflow Supply), Tim Collings (Salt Lake City), and Boyd Reschke (Boyd Plumbing Service). Each Commission member is appointed to a two-year term. A Current Commission Roster and the Proposed Commission Roster are attached.

Staff Recommendations:

The Commission recommends the Board approve Dan Smith, Gary Jenkins, Tim Collings, and Boyd Reschke to serve a 2-year term.

**PROPOSED**  
**Cross Connection Control Commission**

<b>Member</b>	<b>Agency Represented</b>	<b>Agency Contact</b>	<b>Date of Original Appointment</b>	<b>Term of Office Expires</b>
Dan B. Smith Utah Pipe Trades Educational Program 900 North 400 West, Suite 4 North Salt Lake, Utah 84054-2636 Phone: 801-295-6198 Fax: 801-295-5864	Plumbers and Pipe Trades	Dan B. Smith 295-6198	December 16, 2004	December 31, 2008
Gary Jenkins Backflow Supply 962 East 900 South Salt Lake City, Utah 84105 Phone: 801-355-6736 Fax: 801-355-9233	Utah Mechanical Contractors Association	Bob Bergman 364-7768	January 1, 1989	December 31, 2008
Charles Jeffs Rural Water Association of Utah 551 North 300 East Parowan, Utah 84761 Phone: 435-756-5123 Fax: 435-756-5036	Rural Water Association of Utah	Dale Pierson 756-5123	July 14, 2006	December 31, 2008
Jay Franson, P.E., Mayor Highland City 5578 West 10400 North Highland, Utah 84003 Phone: 801-756-0309 Fax: 801-756-0481	Drinking Water Board	Kenneth Wilde 536-4200	January 1, 2002	December 31, 2007
Frank Mills City of Pleasant Grove 70 South 100 East Pleasant Grove, Utah 84062 Phone: 801-785-5045 Fax: 801-785-8925	Utah League of Cities and Towns	Kenneth Bullock 328-1601	January 1, 1998	December 31, 2007
Tim Collings Salt Lake City 451 South State Street, Suite 406 Salt Lake City, Utah 84111 Phone: 801-535-6685 Fax: 801-535-6297	Utah Association of Plumbing & Mechanical Officials	Stuart Murray 629-8956	December 16, 2004	December 31, 2008
Jeff Tingey Boyd Plumbing Service 4893 South 1950 West Taylorsville, Utah 84118 Phone: 801-966-6695 Fax: 801-968-8605	Utah Chapter of the American Backflow Prevention Association	Jeff Tingey 294-5290	December 16, 2004	December 31, 2008

7/06

Term is: 2 years

xcon

**CURRENT**  
**Cross Connection Control Commission**

<b>Member</b>	<b>Agency Represented</b>	<b>Agency Contact</b>	<b>Term of Office Expires</b>
Dan B. Smith Utah Pipe Trades Educational Program 900 North 400 West, Suite 4 North Salt Lake, Utah 84054-2636 Phone: 801-295-6198 Fax: 801-295-5864	Plumbers and Pipe Trades	Tom Lewis 295-6198	2006
Gary Jenkins Backflow Supply 962 East 900 South Salt Lake City, Utah 84105 Phone: 801-355-6736 Fax: 801-355-9233	Utah Mechanical Contractors Association	Bob Bergman 364-7768	2006
Charles Jeffs Rural Water Association of Utah 551 North 300 East Parowan, Utah 84761 Phone: 435-756-5123 Fax: 435-756-5036	Rural Water Association of Utah	Dale Pierson 756-5123	2008
Jay Franson, P.E., Mayor Highland City 5578 West 10400 North Highland, Utah 84003 Phone: 801-756-0309 Fax: 801-756-0481	Drinking Water Board	Ken Wilde 536-4200	2007
Frank Mills City of Pleasant Grove 70 South 100 East Pleasant Grove, Utah 84062 Phone: 801-785-5045 Fax: 801-785-8925	Utah League of Cities and Towns	Kenneth Bullock 328-1601	2007
Tim Collings Salt Lake City 451 South State Street, Suite 406 Salt Lake City, Utah 84111 Phone: 801-535-6685 Fax: 801-535-6297	Utah Association of Plumbing & Mechanical Officials	Tim Collings 535-6685	2006
Boyd Reschke Boyd Plumbing Service 4893 South 1950 West Taylorsville, Utah 84118 Phone: 801-966-6695 Fax: 801-968-8605	Utah Chapter of the American Backflow Prevention Association	Boyd Reschke 966-6695	2006

7/06

Term is: 2 years

xcon

## AGENDA ITEM 7

MINIMUM PRESSURE RULE – Ken Wilde

### ***R309-105-9. Minimum Water Pressure.***

- (1) Unless otherwise specifically approved by the Executive Secretary, no water supplier shall allow any connection to the water system where the dynamic water pressure at the point of connection will fall below 20 psi during the normal operation of the water system. Water systems approved prior to January 1, 2007, are required to maintain the above minimum dynamic water pressure at all locations within their distribution system. Existing public drinking water systems, approved prior to January 1, 2007, which expand their service into new areas or supply new subdivisions shall meet the minimum dynamic water pressure requirements in R309-105-9(2) at any point of connection in the new service areas or new subdivisions.
- (2) Unless otherwise specifically approved by the Executive Secretary, new public drinking water water systems constructed after ~~[March 1, 2006]~~January 1, 2007 shall be designed and shall meet the following minimum water pressures at points of connection:
  - (a) 20 psi during conditions of fire flow and fire demand experienced during peak day demand;
  - (b) 30 psi during peak instantaneous demand; and
  - (c) 40 psi during peak day demand.
- (3) Individual home booster pumps are not allowed as indicated in R309-540-5(4)(c).

## AGENDA ITEM 9

### DIRECTORS REPORT

- 1) FINAL 2007 DRINKING WATER BOARD  
SCHEDULE  
AND  
FINAL 2007 SRF/CONSERVATION  
COMMITTEE'S SCHEDULE

## **DRINKING WATER BOARD**

### **2007 MEETING SCHEDULE**

<b>Date</b>	<b>Place</b>	<b>Tour</b>	<b>Lunch</b>	<b>Notes</b>
January 12, 2007	Salt Lake City, UT	Yes		Jordan Valley WCD R/O Treatment Plant Tour
March 2, 2007	St. George, UT	Yes		Washington County Regionalization Tour
May 11, 2007	Park City, UT	Yes		Mountain Regional Tour
July 13, 2007	Cedar City, UT	Yes		Central Iron County Regionalization Tour
September 14, 2007	Logan, UT	Yes		New Treatment Plant
November 16, 2007	Salt Lake City, UT	No		Joint work meeting with the Water Quality Board (morning) - 101 Lunch and then Individual Board meetings (afternoon) 101 us – do up 201 WQ – do up

# DRINKING WATER BOARD

## FINANCIAL ASSISTANCE SUBMITTAL SCHEDULE

### 2007

APPLICATION CUT-OFF DATE		SRF PACKET MAILING DATE		SRF CONF CALL DATE		DWB PACKET DEADLINE DATE		DWB MEETING DATE
November 9, 2006		December 6, 2006		December 13, 2006 Wed. 9:00 AM		December 28, 2006 Thursday BY NOON		<b>January 12, 2007</b>
January 2, 2007		January 29, 2007		February 7, 2007 Wed. 9:00 AM		February 15, 2007 Thursday BY NOON		<b>March 2, 2007</b>
March 12, 2007	4 weeks (approximately)	April 9, 2007	1 week (approximately)	April 18, 2007 Wed. 9:00 AM	1 week (approximately)	April 26, 2007 Thursday BY NOON	2 weeks (approximately)	<b>May 11, 2007</b>
May 14, 2007		June 11, 2007		June 20, 2007 Wed. 9:00 AM		June 28, 2007 Thursday BY NOON		<b>July 13, 2007</b>
July 9, 2007		August 6, 2007		August 15, 2007 Wed. 9:00 AM		August 30, 2007 Thursday BY NOON		<b>September 14, 2006</b>
September 17, 2007		October 15, 2007		October 24, 2007 Wed. 9:00 AM		November 1, 2007 Thursday BY NOON		<b>November 16, 2007</b>
November 5, 2007		December 3, 2007		December 12, 2007 Wed. 9:00 AM		December 27, 2007 Thursday BY NOON		<b>January 11, 2008</b>

## AGENDA ITEM 9

### 2) TOWN OF ALTA'S REPORT OF AVAILABLE WATER

## **The Town of Alta's Report of Available Water**

### **Background:**

At the Drinking Water Board Meeting held on March 3, 2006, in St. George, a public hearing was held to receive public comments on Alta's request for a Variance in regards to compliance with the antimony standard. A commenter by the name of Mark Haik addressed the Board in the public hearing and raised several concerns. One of the concerns left open at the hearing was Mr. Haik's contention that there was plenty of water available, and that Alta should seek an alternate source that was low in Antimony.

In response to this comment, Alta said that the drinking water in the area is owned by Salt Lake City and Alta is allowed the use of the water via a contract with Salt Lake City. Alta reported, contrary to Mr. Haik's comments, that there is no "other" water available.

Because of the conflicting representations made at the hearing, the Board requested that Alta report on its contention that no other water is available. The following letter and report is in fulfillment of that request.

### **Staff's Comments:**

Staff has reviewed the submittal and concurs that Alta does not have other water available.

Ken B.

MAYOR  
TOM POLLARD  
TOWN COUNCIL  
STEVEN GILMAN  
BILL LENNON  
BILL LEVITT  
PAUL MOXLEY



RECEIVED

AUG 11 2006

Drinking Water

TOWN OF ALTA  
P.O. BOX 8016  
ALTA, UTAH  
84092-8016  
TEL. (801) 363-5105 / 742-3522  
FAX. (801) 742-1006

August 11, 2006

Kevin Brown, P.E.  
Executive Secretary  
Division of Drinking Water  
150 North 1950 West  
Salt Lake City, Utah 84114

Dear Mr. Brown, *Ken B.*

Pursuant to your letter dated April 12, 2006 regarding the antimony variance for our water system, LeRoy W. Hooton, Jr., Director of Salt Lake City Department of Public Utilities has responded to the Division of Drinking Water request for a report on the status of water rights in the Town of Alta. I have enclosed a copy of that letter addressed to Mayor Tom Pollard for your reference and ask that you forward the same on to the Drinking Water Board.

If you or any member of the Board should have any questions, comments or need further clarification on this matter, please don't hesitate to contact me in the Town Office at 801-363-5105.

Thank you.

Cordially,  
*Kate Black*

Kate Black  
Town Clerk  
Town of Alta

Cc: Mayor Tom Pollard  
Keith Hanson, Service Area #3

Enclosures

LEROY W. HOOTON, JR.  
DIRECTOR

## SALT LAKE CITY CORPORATION

DEPARTMENT OF PUBLIC UTILITIES  
WATER SUPPLY AND WATERWORKS  
WATER RECLAMATION AND STORMWATER

ROSS C. "ROCKY" ANDERSON  
MAYOR

August 8, 2006

The Honorable Tom Pollard  
Mayor, Town of Alta  
P.O. Box 8016  
Alta, Utah 84092-8016

Re: Town of Alta Water Supply

Dear Mayor Pollard:

We understand the Town of Alta is working with the Utah Division of Drinking Water, Drinking Water Board (the "Board"), to obtain a variance related to the antimony levels and timeline for implementation established by the State of Utah. As part of this variance, the Board has requested a statement from Salt Lake City regarding restrictions inherent in the Town's water supply.

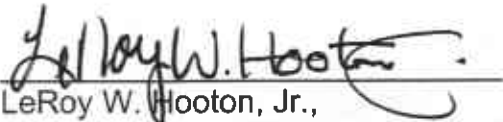
Alta obtains 100% of its drinking water from Salt Lake City, pursuant to that certain Water Supply Agreement between Salt Lake City and the Town, dated August 12, 1976, as amended (the "Contract"). Under the terms of the Contract, Alta may take water only from the following two sources: (i) the Bay City Mine, and (ii) a diversion point above the Snake Pit on Little Cottonwood Creek, as more particularly specified in the Contract. In addition, the Town may, under the terms of an MOU entered into between Salt Lake City and the Town on August 15, 2005, take water under limited circumstances and conditions from a tunnel on the J.P. Lode Mining Claim specified as a source under a water supply contract between Salt Lake City and Salt Lake County Service Area # 3. Use of water from Service Area #3 is on a temporary basis only, in connection with a pilot project to determine the feasibility of blending water from an alternate source to reduce the concentration of antimony in Alta's water supply. The MOU contemplated that, if the pilot project proved successful, the parties would explore the feasibility of allowing water use from such alternative source on a more permanent basis.

Alta has no right to purchase water from Salt Lake City from any source other than as described above. Under Salt Lake City's watershed ordinance, the City may not expand the existing Contract. The ordinance does allow for a change in the source (which is the legal basis for the temporary MOU). However, the ordinance expressly prohibits the drilling of wells as new water sources.

Mayor Pollard  
August 8, 2006  
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Please contact me if you have any questions regarding Alta's sources of water supply.

Sincerely,

  
LeRoy W. Hooton, Jr.,  
Director

LWH:JN

Cc: Chris Bramhall – Deputy City Attorney  
file



State of Utah

Department of  
Environmental Quality

Dianne R. Nielson, Ph.D.  
*Executive Director*

DIVISION OF DRINKING WATER  
Kevin W. Brown, P.E.  
*Director*

**Drinking Water Board**  
Anne Erickson, Ed.D., *Chair*  
Myron Bateman, *Vice-Chair*  
Ken Bassett  
Daniel Fleming  
Jay Franson, P.E.  
Helen Graber, Ph.D.  
Paul Hansen, P.E.  
Laurie McNeill, Ph.D.  
Dianne R. Nielson, Ph.D.  
Petra Rust  
Ron Thompson  
Kevin W. Brown, P.E.  
*Executive Secretary*

JON M. HUNTSMAN, JR.  
*Governor*

GARY HERBERT  
*Lieutenant Governor*

April 12, 2006

The Honorable Tom Pollard, Mayor  
Town of Alta  
P.O. Box 8016  
Alta, Utah 84092-8016

Dear Mayor Pollard:

Subject: Antimony Variance for Water System #18049

The Drinking Water Board met on March 3, 2006 to consider your application for a Variance for Antimony. Following a staff presentation and consideration of comments, the Board voted in favor of granting the Variance for a period not to exceed two years with the requirement that your water system report the status of any research, testing, blending results or literature reviews conducted during the 24 month period, and to submit the report annually to Division of Drinking Water staff. Such report should be submitted on or before January 31, 2007 and January 31, 2008.

During the discussion of this agenda item, the Board did indicate their willingness to consider a renewal application for Antimony in 2008, if it is necessary.

The Board further directed that the Town of Alta report on the status of water rights in its first report. We interpret this to mean: 1) That Alta would show that Salt Lake City owns the water rights in the Little Cottonwood Canyon area; 2) the Town of Alta uses water by agreement with Salt Lake City; and 3) a statement by an appropriate representative from Salt Lake City indicating their restrictions on Alta's use of Salt Lake City's water.

Rec. 4/14/06

Mayor Tom Pollard

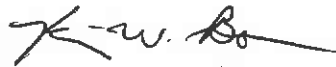
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April 12, 2006

Should you have any questions concerning this correspondence, please feel free to call Kenneth Bousfield, of my staff, at (801) 536-4207.

Sincerely,

DRINKING WATER BOARD

A handwritten signature in dark ink, appearing to read "K.W. Brown". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Kevin W. Brown, P.E.  
Executive Secretary

KHB:jsy

cc: Salt Lake Valley Health Department

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